

FORM PTO-1449 (Modified)

Attorney Docket No.: 18547-036750US

Application No.: 09/724,928

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
STATEMENT (Use several sheets if necessary)

Applicant: Fodor et al.

Filing Date: November 28, 2000

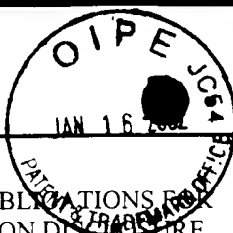
Group: ~~Unassigned~~ 1631

Reference Designation

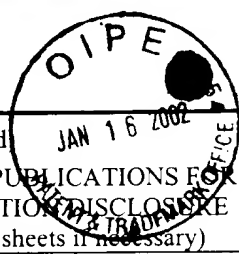
U.S. PATENT DOCUMENTS

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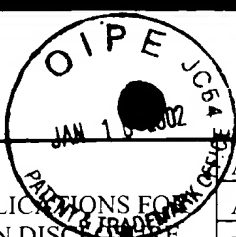
| Examiner Initial | Document No. | Date | Name | Class | Sub-class | Filing Date (If Appropriate) | |
|------------------|--------------|-----------|----------|-------------------|-----------|---------------------------------|----------|
| AM | AA | 3,730,844 | 5/1/73 | Gilham et al. | 195 | 103.5 R | 8/27/71 |
| | AB | 3,849,137 | 11/19/74 | Barzynski et al. | 96 | 97 | 10/5/72 |
| | AC | 3,862,056 | 1/21/75 | Hartman | 252 | 511 | 12/20/72 |
| | AD | 3,939,350 | 2/17/78 | Kronick et al. | 250 | 365 | 4/29/74 |
| | AE | 4,072,576 | 2/7/78 | Arwin et al. | 195 | 103.5 R | 9/20/76 |
| | AF | 4,121,222 | 10/17/78 | Diebold et al. | 347 | 7 | 7/6/77 |
| | AG | 4,180,739 | 12/25/79 | Abu-Shumays | 250 | 461 R | 12/23/77 |
| | AH | 4,216,245 | 8/5/80 | Johnson | 427 | 2.13 | 7/25/78 |
| | AI | 4,238,757 | 12/9/80 | Schenck | 357 | 25 | 3/19/76 |
| | AJ | 4,269,933 | 5/26/81 | Pazos | 430 | 291 | 9/28/79 |
| | AK | 4,314,821 | 2/9/82 | Rice | 23 | 230 B | 7/28/80 |
| | AL | 4,327,073 | 4/27/82 | Huang | 424 | 1 | 4/7/80 |
| | AM | 4,339,528 | 7/13/82 | Goldman | 430 | 323 | 5/19/81 |
| | AN | 4,342,905 | 8/3/82 | Fujii et al. | 250 | 201 | 8/21/80 |
| | AO | 4,373,071 | 2/8/83 | Itakura | 525 | 375 | 4/30/81 |
| | AP | 4,395,486 | 7/26/83 | Wilson et al. | 435 | 6 | 8/19/81 |
| | AQ | 4,405,771 | 9/20/83 | Jagur | 528 | 266 | 10/16/81 |
| | AR | 4,444,878 | 4/24/84 | Paulus | 435 | 7 | 12/21/81 |
| | AS | 4,444,892 | 4/24/84 | Malmros | 436 | 528 | 5/17/82 |
| | AT | 4,448,534 | 5/15/84 | Wertz et al. | 356 | 435 | 10/5/79 |
| | AU | 4,458,066 | 7/3/84 | Caruthers et al. | 536 | 27 | 3/24/81 |
| | YM | 4,477,556 | 10/16/84 | Dueber et al. | 430 | 281 | 8/18/82 |
| | YN | 4,478,967 | 10/23/84 | Eian et al. | 524 | 86 | 8/11/80 |
| | AV | 4,483,920 | 11/20/84 | Gillespie et al. | 435 | 6 | 5/17/82 |
| | AW | 4,500,707 | 2/19/85 | Caruthers et al. | 536 | 27 | 3/16/82 |
| | AX | 4,500,919 | 2/19/85 | Schreiber | 358 | 78 | 5/4/82 |
| | AY | 4,516,833 | 5/14/85 | Fusek | 350 | 162.12 | 12/27/82 |
| | AZ | 4,517,338 | 5/14/85 | Urdea et al. | 525 | 54.11 | 7/13/84 |
| | BA | 4,533,682 | 8/6/85 | Tortorello et al. | 523 | 414 | 4/29/83 |
| | BB | 4,537,861 | 8/27/85 | Elings et al. | 436 | 518 | 2/3/83 |
| | BC | 4,542,102 | 9/17/85 | Dattagupta et al. | 435 | 6 | 7/5/83 |
| | BD | 4,555,490 | 11/26/85 | Merril | 436 | 86 | 6/8/84 |
| | BE | 4,556,643 | 12/3/85 | Paau et al. | 435 | 5 | 2/1/83 |
| | BF | 4,562,157 | 12/31/85 | Lowe et al. | 435 | 291 | 5/25/84 |
| | BG | 4,563,419 | 1/7/86 | Ranki et al. | 435 | 6 | 12/29/83 |
| | BH | 4,569,967 | 2/11/86 | Kornreich et al. | 525 | 54.11 | 10/24/83 |



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|--|----|-----------|----------|-------------------------------------|-----|-----------------------------------|----------|
| FORM PTO-1449 (Modified) | | | | Attorney Docket No.: 18547-036750US | | Application No.: 09/724,928 | |
| LIST OF PATENTS AND PUBLICATIONS RECEIVED | | | | Applicant: Fodor et al. | | | |
| APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | Filing Date: November 28, 2000 | | Group: Unassigned 1631 | |
| AM | BI | 4,580,895 | 4/8/86 | Patel | 356 | 39 | 10/28/83 |
| | BJ | 4,584,277 | 4/22/86 | Ullman | 436 | 501 | 4/5/83 |
| | BK | 4,588,682 | 5/13/86 | Groet et al. | 435 | 6 | 12/13/82 |
| | BL | 4,591,570 | 5/27/86 | Chang | 435 | 7.24 | 2/2/83 |
| | BM | 4,598,049 | 7/1/86 | Zelinka et al. | 422 | 116 | 8/31/83 |
| | BN | 4,613,566 | 9/23/86 | Potter | 435 | 6 | 1/23/84 |
| | BO | 4,624,915 | 11/25/86 | Schindler et al. | 435 | 4 | 7/14/83 |
| | BP | 4,626,684 | 12/2/86 | Landa | 250 | 328 | 7/13/83 |
| | BQ | 4,631,211 | 12/23/86 | Houghten | 428 | 35 | 3/25/85 |
| | BR | 4,637,861 | 1/20/87 | Krull et al. | 204 | 1 T | 12/16/85 |
| | BS | 4,656,127 | 4/7/87 | Mundy | 435 | 6 | 4/23/84 |
| | BT | 4,670,380 | 6/2/87 | Dattagupta | 435 | 6 | 5/23/84 |
| | BU | 4,677,054 | 6/30/87 | White et al. | 435 | 6 | 8/8/83 |
| | BV | 4,681,859 | 7/21/87 | Kramer | 436 | 501 | 9/21/84 |
| | BW | 4,683,195 | 7/28/87 | Mullis et al. | 435 | 6 | 2/7/86 |
| | BX | 4,683,202 | 7/28/87 | Mullis | 435 | 91 | 10/25/85 |
| | BY | 4,689,405 | 8/25/87 | Frank et al. | 536 | 27 | 1/4/84 |
| | BZ | 4,704,353 | 11/3/87 | Humphries et al. | 435 | 4 | 4/27/84 |
| | CA | 4,711,955 | 12/8/87 | Ward et al. | 536 | 29 | 5/23/83 |
| | CB | 4,713,326 | 12/15/87 | Dattagupta et al. | 435 | 6 | 5/18/84 |
| | CC | 4,713,347 | 12/15/87 | Mitchell et al. | 436 | 501 | 1/14/85 |
| | CD | 4,715,413 | 12/29/87 | Backlund et al. | 141 | 94 | 10/8/86 |
| | YO | 4,715,929 | 12/29/87 | Ogawa | 156 | 643 | 7/15/86 |
| | CE | 4,716,106 | 12/29/87 | Chiswell | 435 | 6 | 2/28/85 |
| | CF | 4,719,179 | 1/12/88 | Barany | 435 | 172.1 | 11/30/84 |
| | CG | 4,719,615 | 1/12/88 | Feyrer et al. | 369 | 284 | 3/4/86 |
| | CH | 4,722,906 | 2/2/88 | Guire | 436 | 501 | 9/29/82 |
| | CI | 4,728,502 | 3/1/88 | Hamill | 422 | 116 | 4/26/85 |
| | CJ | 4,728,591 | 3/1/88 | Clark et al. | 430 | 5 | 3/7/86 |
| | CK | 4,731,325 | 3/15/88 | Palva et al. | 435 | 6 | 1/24/85 |
| | CL | 4,737,344 | 4/12/88 | Koizumi et al. | 422 | 100 | 4/22/87 |
| | CM | 4,755,458 | 7/5/88 | Rabbani et al. | 435 | 5 | 8/30/84 |
| | YU | 4,758,727 | 7/19/88 | Tomei et al. | 250 | 458.1 | 2/12/86 |
| | CN | 4,762,881 | 8/9/88 | Kauer | 525 | 54.11 | 1/9/87 |
| | CO | 4,766,062 | 8/23/88 | Diamond et al. | 435 | 6 | 5/7/84 |
| | CP | 4,767,700 | 8/30/88 | Wallace | 435 | 6 | 2/15/85 |
| | CQ | 4,777,019 | 10/11/88 | Dandekar | 422 | 68 | 4/11/86 |
| | CR | 4,780,504 | 10/25/88 | Buendia et al. | 525 | 54.11 | 6/5/86 |



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| | | | | Filing Date: November 28, 2000 | | Group: <u>Unassigned 1631</u> | |
| <u>16</u> CS | 4,786,170 | 11/22/88 | Groeblor | 356 | 318 | 5/13/86 | |
| CT | 4,786,684 | 11/22/88 | Glass | 525 | 54.1 | 8/21/86 | |
| CU | 4,794,150 | 12/27/88 | Steel | 525 | 54.11 | 3/11/87 | |
| CV | 4,808,508 | 2/28/89 | Platzer | 430 | 143 | 7/1/86 | |
| CW | 4,810,869 | 3/7/89 | Yabe et al. | 250 | 201 | 12/23/87 | |
| CX | 4,811,062 | 3/7/89 | Tabata et al. | 356 | 152 | 7/1/88 | |
| CY | 4,811,218 | 3/7/89 | Hunkapiller et al. | 204 | 461 | 6/2/86 | |
| CZ | 4,812,512 | 3/14/89 | Buendia et al. | 525 | 54.11 | 6/26/86 | |
| DA | 4,820,630 | 4/11/89 | Taub | 435 | 5 | 11/23/84 | |
| DB | 4,822,566 | 4/18/89 | Newman | 422 | 68 | 5/18/87 | |
| DC | 4,833,092 | 5/23/89 | Geysen | 436 | 501 | 12/22/86 | |
| DD | 4,844,617 | 7/4/89 | Kelderman et al. | 356 | 372 | 1/20/88 | |
| DE | 4,846,552 | 7/11/89 | Veldkamp et al. | 350 | 162.2 | 2/9/88 | |
| DF | 4,849,513 | 7/18/89 | Smith et al. | 536 | 27 | 6/24/86 | |
| DG | 4,855,225 | 8/8/89 | Fung et al. | 435 | 6 | 2/7/86 | |
| DH | 4,865,990 | 9/12/89 | Stead et al. | 435 | 803 | 7/9/87 | |
| DI | 4,868,103 | 9/19/89 | Stavrianopoulos et al. | 435 | 5 | 2/19/86 | |
| DJ | 4,874,500 | 10/17/89 | Madou et al. | 204 | 412 | 7/15/87 | |
| DK | 4,877,745 | 10/31/89 | Hayes et al. | 436 | 166 | 3/14/89 | |
| DL | 4,886,741 | 12/12/89 | Schwartz | 435 | 5 | 12/9/87 | |
| DM | 4,888,278 | 12/19/89 | Singer et al. | 435 | 6 | 10/13/88 | |
| DN | 4,921,805 | 5/1/90 | Gebeyehu et al. | 435 | 270 | 9/29/89 | |
| DO | 4,923,901 | 5/8/90 | Koester et al. | 521 | 53 | 9/4/87 | |
| DP | 4,925,785 | 5/15/90 | Wang et al. | 435 | 6 | 3/7/86 | |
| DQ | 4,931,384 | 6/5/90 | Layton et al. | 435 | 7.31 | 10/17/84 | |
| DR | 4,946,942 | 8/7/90 | Fuller et al. | 530 | 335 | 3/11/88 | |
| DS | 4,965,188 | 10/23/90 | Mullis et al. | 435 | 6 | 6/17/87 | |
| DT | 4,973,493 | 11/27/90 | Guire | 427 | 2 | 10/15/87 | |
| DU | 4,979,959 | 12/25/90 | Guire | 623 | 66 | 5/5/89 | |
| DV | 4,981,783 | 1/1/91 | Augenlicht | 435 | 6 | 4/16/86 | |
| DW | 4,981,985 | 1/1/91 | Kaplan et al. | 556 | 50 | 10/20/87 | |
| DX | 4,984,100 | 1/8/91 | Takayama et al. | 360 | 49 | 7/14/89 | |
| DY | 4,987,065 | 1/22/91 | Stavrianopoulos et al. | 435 | 5 | 12/2/85 | |
| DZ | 4,988,617 | 1/29/91 | Landegren et al. | 435 | 6 | 3/25/88 | |
| EA | 4,992,383 | 2/12/91 | Farnsworth | 436 | 89 | 8/5/88 | |
| EB | 4,994,373 | 2/19/91 | Stavrianopoulos et al. | 435 | 6 | 7/20/89 | |
| EC | 5,002,867 | 3/26/91 | Macevicz | 435 | 6 | 10/24/88 | |
| ED | 5,006,464 | 4/9/91 | Chu et al. | 435 | 7.1 | 10/1/87 | |



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| APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | Filing Date: November 28, 2000 | | Group: Unassigned 1631 | |
| DM | EE | 5,011,770 | 4/30/91 | Kung et al. | 435 | 6 | 7/24/90 |
| | EF | 5,013,669 | 5/7/91 | Peters, Jr. et al. | 436 | 518 | 6/1/88 |
| | EG | 5,021,550 | 6/4/91 | Zeiger | 530 | 334 | 9/11/90 |
| | EH | 5,026,773 | 6/25/91 | Steel | 525 | 54.11 | 12/5/88 |
| | EI | 5,026,840 | 6/25/91 | Dattagupta et al. | 536 | 27 | 2/6/90 |
| | EJ | 5,028,525 | 7/2/91 | Gray et al. | 435 | 6 | 6/26/90 |
| | EK | 5,028,545 | 7/2/91 | Soini | 436 | 501 | 6/9/88 |
| | EL | 5,037,882 | 8/6/91 | Steel | 525 | 54.11 | 12/23/88 |
| | EM | 5,043,265 | 8/27/91 | Tanke et al. | 435 | 6 | 3/26/87 |
| | EN | 5,047,524 | 9/10/91 | Andrus et al. | 536 | 27 | 12/21/88 |
| | EO | 5,064,754 | 11/12/91 | Mills | 435 | 6 | 11/13/87 |
| | EP | 5,077,085 | 12/31/91 | Schnur et al. | 427 | 98 | 3/6/87 |
| | EQ | 5,077,210 | 12/31/91 | Eigler et al. | 435 | 176 | 1/13/89 |
| | ER | 5,079,600 | 1/7/92 | Schnur et al. | 357 | 4 | 4/14/88 |
| | ES | 5,081,584 | 1/14/92 | Omichinski et al. | 364 | 497 | 3/13/89 |
| | ET | 5,082,830 | 1/21/92 | Brakel et al. | 514 | 44 | 2/26/88 |
| | EU | 5,091,652 | 2/25/92 | Mathies et al. | 250 | 458.1 | 6/1/90 |
| | EV | 5,096,807 | 3/17/92 | Leaback | 435 | 6 | 12/1/89 |
| | EW | 5,100,626 | 3/31/92 | Levin | 422 | 100 | 5/24/90 |
| | EX | 5,100,777 | 3/31/92 | Chang | 435 | 7.24 | 4/27/87 |
| | EY | 5,112,962 | 5/12/92 | Letsinger et al. | 536 | 27 | 11/9/90 |
| | EZ | 5,141,813 | 8/25/92 | Nelson | 428 | 402 | 8/28/89 |
| | FA | 5,143,854 | 9/1/92 | Pirrung et al. | 436 | 518 | 3/7/90 |
| | FB | 5,149,625 | 9/22/92 | Church et al. | 435 | 6 | 3/28/90 |
| | FC | 5,153,319 | 10/6/92 | Caruthers et al. | 536 | 27 | 3/31/86 |
| | FD | 5,164,319 | 11/17/92 | Hafeman et al. | 435 | 287.1 | 11/17/89 |
| | FE | 5,171,695 | 12/15/92 | Ekins | 436 | 501 | 2/3/89 |
| | FF | 5,188,963 | 2/23/93 | Stapleton | 435 | 288.3 | 11/17/89 |
| | FG | 5,192,980 | 3/9/93 | Dixon et al. | 356 | 326 | 6/26/91 |
| | FH | 5,200,051 | 4/6/93 | Cozzette et al. | 204 | 403 | 11/7/89 |
| | FI | 5,202,231 | 4/13/93 | Drmanac et al. | 435 | 6 | 6/18/91 |
| | FJ | 5,206,137 | 4/27/93 | Ip et al. | 435 | 6 | 11/21/91 |
| | FK | 5,215,882 | 6/1/93 | Bahl et al. | 435 | 6 | 11/30/89 |
| | FL | 5,215,889 | 6/1/93 | Schultz | 435 | 41 | 9/8/89 |
| | FM | 5,219,726 | 6/15/93 | Evans | 435 | 6 | 6/2/89 |
| | FN | 5,225,326 | 7/6/93 | Bresser et al. | 435 | 6 | 10/28/91 |
| | FO | 5,232,829 | 8/3/93 | Longiaru et al. | 435 | 6 | 9/29/89 |
| | FP | 5,235,028 | 8/10/93 | Barany et al. | 528 | 335 | 9/16/91 |

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STATEMENT (Use several sheets if necessary)

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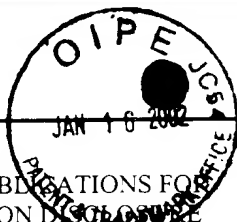
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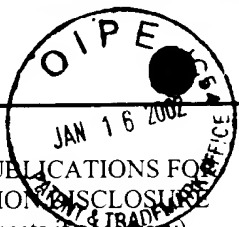
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| AM FQ | 5,242,974 | 9/7/93 | Holmes | 525 | 54.11 | 11/22/91 |
| FR | 5,252,743 | 10/12/93 | Barrett et al. | 548 | 303.7 | 11/13/90 |
| FS | 5,256,549 | 10/26/93 | Urdea et al. | 435 | 91 | 4/27/90 |
| FT | 5,258,506 | 11/2/93 | Urdea et al. | 536 | 23.1 | 8/25/89 |
| FU | 5,306,641 | 4/26/94 | Saccocio | 436 | 85 | 8/12/91 |
| FV | 5,310,893 | 5/10/94 | Erlich et al. | 536 | 24.31 | 5/4/89 |
| FW | 5,324,633 | 6/28/94 | Fodor et al. | 435 | 6 | 11/22/91 |
| FX | 5,328,824 | 7/12/94 | Ward et al. | 435 | 6 | 12/8/87 |
| FY | 5,348,855 | 9/20/94 | Dattagupta et al. | 435 | 6 | 10/4/91 |
| FZ | 5,384,261 | 1/24/95 | Winkler et al. | 436 | 518 | 11/22/91 |
| GA | 5,405,783 | 4/11/95 | Pirrung et al. | 436 | 518 | 3/12/92 |
| GB | 5,424,186 | 6/13/95 | Fodor et al. | 435 | 6 | 12/6/91 |
| GC | 5,424,188 | 6/13/95 | Schneider et al. | 435 | 6 | 10/20/92 |
| GD | 5,432,099 | 6/11/95 | Ekins | 436 | 518 | 12/1/92 |
| GE | 5,436,327 | 7/25/95 | Southern et al. | 536 | 25.34 | 3/20/91 |
| GF | 5,445,934 | 8/29/95 | Fodor et al. | 435 | 6 | 9/30/92 |
| GG | 5,447,841 | 9/5/95 | Gray et al. | 435 | 6 | 12/14/90 |
| GH | 5,474,796 | 12/12/95 | Brennan | 427 | 2.13 | 5/27/93 |
| GI | 5,486,452 | 1/23/96 | Gordon et al. | 435 | 5 | 4/10/87 |
| GJ | 5,489,507 | 2/6/96 | Chehab | 435 | 6 | 5/1/91 |
| GK | 5,489,678 | 2/6/96 | Fodor et al. | 536 | 22.1 | 2/16/95 |
| GL | 5,492,806 | 2/20/96 | Drmanac et al. | 435 | 5 | 4/12/93 |
| GM | 5,494,810 | 2/27/96 | Barany et al. | 435 | 91.52 | 11/22/94 |
| GN | 5,510,270 | 4/23/96 | Fodor et al. | 436 | 518 | 9/30/92 |
| GO | 5,525,464 | 6/11/96 | Drmanac et al. | 435 | 6 | 2/28/94 |
| GP | 5,527,681 | 6/18/96 | Holmes | 435 | 6 | 11/5/92 |
| GQ | 5,552,270 | 9/3/96 | Khrapko et al. | 435 | 6 | 11/9/92 |
| GR | 5,556,961 | 9/17/96 | Foote et al. | 536 | 27.1 | 10/24/94 |
| GS | 5,561,071 | 10/1/96 | Hollenberg et al. | 437 | 1 | 9/25/95 |
| GT | 5,569,584 | 10/29/96 | Augenlicht | 435 | 6 | 3/14/94 |
| GU | 5,571,639 | 11/5/96 | Hubbell et al. | 430 | 5 | 5/24/94 |
| GV | 5,593,839 | 1/14/97 | Hubbell et al. | 435 | 6 | 6/2/95 |
| GW | 5,599,720 | 2/4/97 | Ekins | 436 | 501 | 6/17/94 |
| GX | 5,604,099 | 2/18/97 | Erlich et al. | 435 | 6 | 6/1/95 |
| GY | 5,643,728 | 7/1/97 | Slater et al. | 435 | 6 | 2/27/95 |
| GZ | 5,653,939 | 8/5/97 | Hollis et al. | 422 | 50 | 8/7/95 |
| HA | 5,667,667 | 9/16/97 | Southern | 205 | 687 | 7/18/96 |
| HB | 5,667,972 | 9/16/97 | Drmanac et al. | 435 | 6 | 6/5/95 |



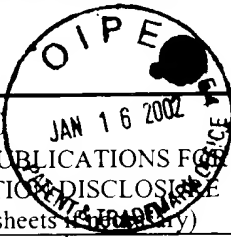
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| AM HC | 5,695,940 | 12/9/97 | Drmanac et al. | 435 | 6 | 6/5/95 |
| HD | 5,698,393 | 12/16/97 | Macioszek et al. | 435 | 5 | 8/18/95 |
| HE | 5,700,637 | 12/23/97 | Southern | 435 | 6 | 4/19/94 |
| HF | 5,707,806 | 1/13/98 | Shuber | 435 | 6 | 6/7/95 |
| HG | 5,744,305 | 4/28/98 | Fodor et al. | 435 | 6 | 6/6/95 |
| HH | 5,776,737 | 7/7/98 | Dunn | 435 | 91.1 | 12/22/94 |
| HI | 5,777,888 | 7/7/98 | Rine et al. | 364 | 496 | 8/9/95 |
| HJ | 5,800,992 | 9/1/98 | Fodor et al. | 435 | 6 | 6/25/96 |
| HK | 5,807,522 | 9/15/98 | Brown et al. | 422 | 50 | 6/7/95 |
| HL | 5,830,645 | 11/3/98 | Pinkel et al. | 435 | 6 | 12/9/94 |
| HM | 5,843,767 | 12/1/98 | Beattie | 435 | 287.1 | 4/10/96 |
| HN | 5,846,708 | 12/8/98 | Hollis et al. | 435 | 6 | 4/23/92 |
| HO | 5,869,237 | 2/9/99 | Ward et al. | 435 | 6 | 11/22/94 |
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| | Document No. | Date | Country | Class | Sub-class | Translation (Yes/No) |
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| AM HV | EP 046 083 | 2/17/82 | Europe | | | |
| YX | EP 046 430 | 2/24/82 | Europe ✓ | | | |
| HW | EP 063 810 | 3/5/86 | Europe | | | |
| HX | EP 088 636 | 9/14/83 | Europe | | | |
| HY | EP 103 197 | 3/21/84 | Europe | | | |
| HZ | EP 127 438 | 12/5/84 | Europe | | | |
| IA | EP 130 523 | 6/1/88 | Europe | | | |
| IB | EP 142 299 | 12/19/90 | Europe | | | |
| IC | EP 171 150 | 3/25/92 | Europe | | | |
| ID | EP 173 339 | 1/22/92 | Europe | | | |
| IE | EP 174 879 | 3/19/86 | Europe | | | Yes |
| IF | EP 185 547 | 6/3/92 | Europe | | | |
| IG | EP 194 132 | 9/10/86 | Europe | | | |
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| IJ | EP 228 310 | 10/26/88 | Europe | | | |



| FORM PTO-1449 (Modified) | | | | Attorney Docket No.: 18547-036750US | | Application No.: 09/724,928 | |
|--|---------------------|------------------|---------------|-------------------------------------|--|-----------------------------------|--|
| LIST OF PATENTS AND PUBLICATIONS FOR DISCLOSURE | | | | Applicant: Fodor et al. | | | |
| APPLICANT'S INFORMATION & DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | Filing Date: November 28, 2000 | | Group: Unassigned 1631 | |
| <u>Am</u> IK | EP 232 967 | 4/28/93 | Europe | | | | |
| <u>Y</u> P | EP 233 403 ✓ | 8/26/87 | Europe | | | | |
| <u>IL</u> | EP 235 726 | 5/19/93 | Europe | | | | |
| <u>IM</u> | EP 237 362 | 3/11/92 | Europe | | | | |
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| <u>Y</u> Y | EP 266 881 | 5/11/88 ✓ | Europe | | | | |
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| <u>IW</u> | EP 333 561 | 9/20/89 | Europe | | | | |
| <u>IX</u> | EP 337 498 | 10/18/89 | Europe | | | | |
| <u>IY</u> | EP 373 203 | 6/20/90 | Europe | | | | |
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| <u>Y</u> Q | EP 400 920 | 12/5/90 ✓ | Europe | | | | |
| <u>JB</u> | EP 476 014 | 8/31/94 | Europe | | | | |
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| <u>JD</u> | EP 619 321 | 1/7/99 | Europe | | | | |
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| <u>JH</u> | WO 84/03151 | 8/16/84 | WIPO | | | | |
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| <u>Y</u> R | WO 87/05942 | 10/8/87 ✓ | WIPO | | | | |
| <u>JM</u> | WO 88/04777 | 6/30/88 | WIPO | | | | |
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| <u>JQ</u> | WO 89/08834 | 9/21/89 | WIPO | | | | |
| <u>JR</u> | WO 89/10977 | 11/16/89 | WIPO | | | | |

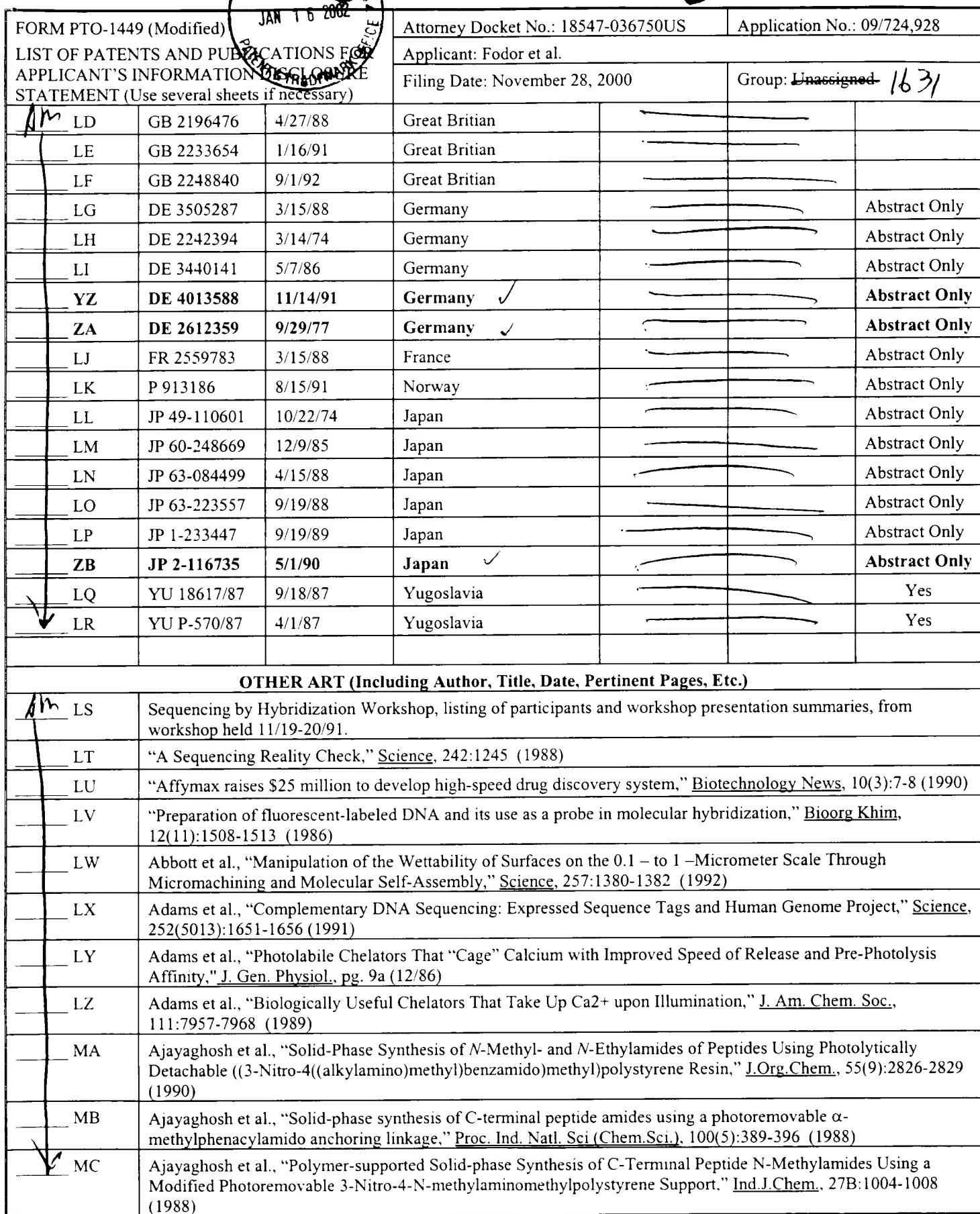


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| FORM PTO-1449 (Modified) | | | Attorney Docket No.: 18547-036750US | | Application No.: 09/724,928 | |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION & DISCLOSURE STATEMENT (Use several sheets if necessary) | | | Applicant: Fodor et al. | | | |
| | | | Filing Date: November 28, 2000 | | Group: <u>Unassigned</u> 1631 | |
| <u>AM</u> JS | WO 89/11548 | 11/30/89 | WIPO | | | |
| JT | WO 89/12819 | 12/28/89 | WIPO | | | |
| JU | WO 90/00626 | 1/25/90 | WIPO | | | |
| JV | WO 90/00887 | 2/8/90 | WIPO | | | |
| JW | WO 90/03382 | 4/5/90 | WIPO | | | |
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| KA | WO 90/15070 | 2/13/90 | WIPO | | | |
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| KZ | WO 98/31836 | 7/23/98 | WIPO | | | |
| LA | CA 1284931 | 6/18/91 | Canada | | | |
| LB | GB 8810400.5 (priority for WO 89/10977) | 5/3/88 (not a date of publication) | Great Britain | | | |
| <u>AM</u> LC | GB 2156074 | 3/15/88 | Great Britain | | | |

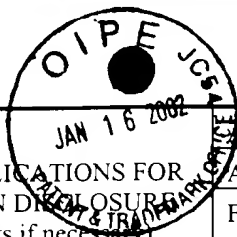


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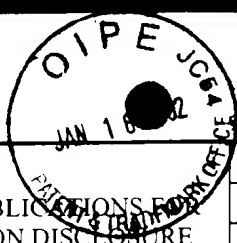
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| MH | Anderson et al., "Quantitative Filter Hybridisation," chapter 3 from <i>Nucleic Acid Hybridization a practical approach</i> , pgs. 73-111, Hames et al., eds., IRL Press (1985). |
| MI | Applied Biosystems, Model 431A Peptide Synthesizer User's manual, Sections 2 and 6, (8/15/89) |
| MJ | Arnold et al., "A Novel Universal Support for DNA & RNA Synthesis," abstract from <i>Federation Proceedings</i> , 43(7): abstract no. 3669 (1984) |
| MK | Atherton et al., <i>Solid Phase Peptide Synthesis: A Practical Approach</i> , IRL Press, (1989), tbl. of cont., pp. vii-ix |
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| MM | Augenlicht et al., "Expression of Cloned Sequences in Biopsies of Human Colonic Tissue and in Colonic Carcinoma Cells Induced to Differentiate <i>in Vitro</i> ," <i>Cancer Res.</i> , 47:6017-6021 (1987) |
| MN | Bains, W., "Hybridization Methods for DNA Sequencing," <i>Genomics</i> , 11(2):294-301 (1991) |
| MO | Bains et al., "A Novel Method for Nucleic Acid Sequence Determination," <i>J.Theor.Biol.</i> , 135:303-307 (1988) |
| MP | Bains, W., "Alternative Routes Through the Genome," <i>Biotechnology</i> , 8:1251-1256 (1988) |
| MQ | Balachander et al., "Functionalized Siloxy-Anchored Monolayers with Exposed Amino, Azido, Bromo, or Cyano Groups," <i>Tetrahed. Ltrs.</i> , 29(44):5593-5594 (1988) |
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| MT | Bannwarth, W., "Gene Technology: a Challenge for a Chemist," <i>CHIMIA</i> , 41(9):302-317 (1987). |
| MU | Barany, F., "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>PNAS</i> , 88:189-193 (1991). |
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| MX | Bart et al., "Microfabricated Electrohydrodynamic Pumps," <i>Sensors and Actuators</i> , A21-A23:193-197 (1990) |
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| NA | Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <i>Methods in Enzymology</i> , 100:266-285 (1983) |
| NB | Benschop, <i>Chem. Abstracts</i> 114(26):256643 (1991) |
| NC | Bhatia et al., "New Approach To Producing Patterned Biomolecular Assemblies," <i>J. American Chemical Society</i> , 114:4432-4433 (1992) |
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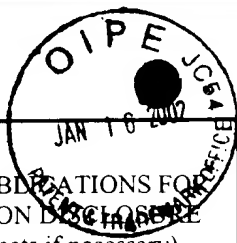
| | | |
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| IM | NE | Blawas et al., "Step-and-Repeat Photopatterning of Protein Features Using Caged-Biotin-BSA: Characterization and Resolution," <u>Langmuir</u> , 14(15):4243-4250 (1998) |
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| | YW | Burns et al., "Scanning Silt Aperture Confocal Microscopy for Three-Dimensional Imaging," <u>Scanning</u> , 12:156-160 (1990). |
| | NK | Cameron et al., "Photogeneration of Organic Bases from o-Nitrobenzyl-Derived Carbamates," <u>J. Am. Chem. Soc.</u> , 113:4303-4313 (1991) |
| | NL | Carrano et al., "A High-Resolution, Fluorescence-Based, Semiautomated Method for DNA Fingerprinting," <u>Genomics</u> , 4:129-136 (1989) |
| | NM | Caruthers, M.H., "Gene Synthesis Machines: DNA Chemistry and Its Uses," <u>Science</u> , 230:281-285 (1985) |
| | NN | Chatterjee et al., "Inducible Alkylation of DNA Using an Oligonucleotide-Quinone Conjugate," <u>Am. J. Chem. Soc.</u> , 112:6397-6399 (1990) |
| | NO | Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <u>Science</u> , 274:610-614 (1996) |
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| | NR | Chetverin et al., "Oligonucleotide Arrays: New Concepts and Possibilities," <u>Biotechnology</u> , 12:1093-1099 (1994). |
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| APPLICANT'S INFORMATION DISCLOSURE | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
| STATEMENT (Use several sheets if necessary) | | | |
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| | OJ | Dramanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," abstract of presentation given at Cold Spring Harbor Symposium on Genome Mapping and Sequencing, 4/27/88 thru 5/1/88 | |
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| | OL | Duncan et al., "Affinity Chromatography of a Sequence-Specific DNA Binding Protein Using Teflon-Linked Oligonucleotides," <i>Analytical Biochemistry</i> , 169:104-108 (1988) | |
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| | OY | Fan et al., "Mapping small DNA sequences by fluorescence <i>in situ</i> hybridization directly on banded metaphase chromosomes," <i>PNAS</i> , 87(16):6223-6227 (1990) | |
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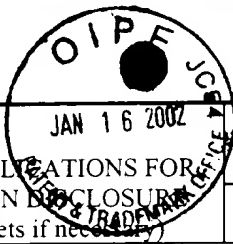


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| | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
| <u>DM</u> PD | Fodor et al., "Multiplexed biochemical assays with biological chips," <u>Nature</u> , 364:555-556 (1993) | | |
| PE | Fodor et al., "Light-directed, Spatially Addressable Parallel Chemical Synthesis," <u>Science</u> , 251:767-773 (1991) | | |
| PF | Forman et al., "Thermodynamics of Duplex Formation and Mismatch Discrimination on Photolithographically Synthesized Oligonucleotide Arrays," chapter 13pgs. 206-228 from <i>Molecular Modeling of Nucleic Acids</i> , ACS Symposium Series 682, 4/13-17/97, Leontis et al., eds. | | |
| PG | Frank et al., "Simultaneous Multiple Peptide Synthesis Under Continuous flow Conditions on Cellulose Paper Discs as Segmental Solid Supports," <u>Tetrahedron</u> , 44(19):6031-6040 (1988) | | |
| PH | Frank et al., "Automation of DNA Sequencing Reactions and Related Techniques: A Workstation for Micromanipulation of Liquids," <u>Bio/Technology</u> , 6:1211-1212 (1988) | | |
| PI | Frank et al., "Simultaneous Synthesis and Biological Applications of DNA Fragments: An Efficient and Complete Methodology," <u>Methods in Enzymology</u> , 154:221-250 (1987) | | |
| YS | Frank et al., "Facile and rapid 'spot-synthesis' of large numbers of peptides on membrane sheets," <u>Proc. 21st European Pept. Symp.</u> , Platja D'Oro, Spain, 9/2-8/90. | | |
| PJ | Fuhr et al., "Travelling wave-driven microfabricated electrohydrodynamic pumps for liquids," <u>J. Micromech. Microeng.</u> , 4:217-226 (1994) | | |
| PK | Fuller et al., "Urethane-Protected Amino Acid N-Carboxy Anhydrides and Their Use in Peptide Synthesis," <u>J. Amer. Chem. Soc.</u> , 112(20):7414-7416 (1990) | | |
| PL | Furka et al., "General method for rapid synthesis of multicomponent peptide mixtures," <u>Int. J. Peptide Protein Res.</u> , 37:487-493 (1991) | | |
| PM | Furka et al., "Cornucopia of Peptides by Synthesis," 14th Int.Congress of Biochem. abst.# FR:013, 7/10-15/88 Prague, Czechoslovakia | | |
| PN | Furka et al., "More Peptides by Less Labour," abst. 288, Int. Symp. Med. Chem., Budapest Hungary 8/15-19/88 | | |
| PO | Gait, eds., pages 1-115 from <i>Oligonucleotide Synthesis: A Practical Approach</i> , IRL Press, (1984) | | |
| PP | Gazard et al., "Lithographic Technique Using Radiation-Induced Grafting of Acrylic Acid into Poly(Methyl Methacrylate) Films," <u>Polymer Engineering and Science</u> , 20(16):1069-1072 (1980) | | |
| PQ | Gergen et al., "Filter replicas and permanent collections of recombinant DNA plasmids," <u>Nuc.Acids Res.</u> , 7(8):2115-2137 (1979) | | |
| PR | Getzoff et al., "Mechanisms of Antibody Binding to a Protein," <u>Science</u> , 235:1191-1196 (1987) | | |
| PS | Geysen et al., "Strategies for epitope analysis using peptide synthesis," <u>J. Immunol. Meth.</u> , 102:259-274 (1987) | | |
| PT | Geysen et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <u>PNAS</u> , 81:3998-4002 (1984) | | |
| PU | Geysen et al., "A synthetic strategy for epitope mapping," from <i>Peptides:Chem. & Biol.</i> , Proc. of 10th Am. Peptide Symp., 5/23-28/87, pp. 519-523, (1987) | | |
| PV | Geysen, "Antigen-antibody interactions at the molecular level: adventures in peptide synthesis," <u>Immunol. Today</u> , 6(12):364-369 (1985) | | |
| PW | Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," from <i>Synthetic Peptides: Approaches to Biological Probes</i> , pp. 19-30, (1989) | | |
| PX | Geysen et al., "Chemistry of Antibody Binding to a Protein," <u>Science</u> , 235:1184-1190 (1987) | | |
| PY | Geysen et al., "The delineation of peptides able to mimic assembled epitopes," 1986 CIBA Symp., pp. 130-149 | | |
| PZ | Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," <u>Mol. Recognit.</u> , 1(1):1-10 (1988) | | |
| QA | Geysen et al., "A Prio Ri Delineation of a Peptide Which Mimics A Discontinuous Antigenic Determinant," <u>Mol. Immunol.</u> , 23(7):709-715 (1986) | | |
| QB | Ghosh et al., "Covalent attachment of oligonucleotides to solid supports," <u>Nuc. Acids Res.</u> , 15(13):5353-5373 (1987). | | |
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| FORM PTO-1449 (Modified) | | Attorney Docket No.: 18547-036750US | Application No.: 09/724,928 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION | | Applicant: Fodor et al. | |
| STATEMENT (Use several sheets if necessary) | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
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| QE | Gummerlock et al., "RAS Enzyme-Linked Immunoblot Assay Discriminates p21 Species: A Technique to Dissect Gene Family Expression," <u>Anal. Biochem.</u> , 180:158-168 (1989) | | |
| QF | Gurney et al., "Activation of a potassium current by rapid photochemically generated step increases of intracellular calcium in rat sympathetic neurons," <u>PNAS</u> , 84:3496-3500 (1987) | | |
| QG | Haase et al., "Detection of Two Viral Genomes in Single Cells by Double-Label Hybridization in Situ and Color Microradioautography," <u>Science</u> , 227:189-192 (1985) | | |
| QH | Hacia, et al., "Two color hybridization analysis using high density oligonucleotide arrays and energy transfer dyes," <u>Nuc. Acids Res.</u> , 26(16):3865-3866 (1998) | | |
| QI | Hack, M.L., "Conics Formed to Make Fluid & Industrial Gas Micromachines," <u>Genetic Engineering News</u> , 15(18):1, 29 (1995) | | |
| QJ | Hagedorn et al., "Pumping of Water Solutions in Microfabricated Electrohydrodynamic Systems," from Micro Electro Mechanical Systems conference in Travemunde Germany (1992) | | |
| QK | Hames et al., <u>Nuclear acid hybridization, a practical approach</u> , cover page and table of contents (1985) | | |
| QL | Hanahan et al., "Plasmid Screening at High Colony Density," <u>Meth. Enzymology</u> , 100:333-342 (1983) | | |
| QM | Hanahan et al., "Plasmid screening at high colony density," <u>Gene</u> , 10:63-67 (1980) | | |
| QN | Haridasan et al., "Peptide Synthesis using Photolytically Cleavable 2-Nitrobenzyloxycarbonyl Protecting Group," <u>Proc. Indian Natn. Sci. Acad.</u> , 53A(6):717-728 (1987) | | |
| QO | Harrison et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," <u>Anal. Chem.</u> , 64:1926-1932 (1992) | | |
| QP | Harrison et al., "Micromachining a Minaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," <u>Science</u> , 261:895-897 (1993) | | |
| QQ | Harrison et al., "Towards minaturized electrophoresis and chemical analysis systems on silicon: an alternative to chemical sensors*," <u>Sensors and Actuators</u> , B10:107-116 (1993) | | |
| QR | Harrison et al., "Rapid separation of fluorescein derivatives using a micromachined capillary electrophoresis system," <u>Analytica Chimica Acta</u> , 283:361-366 (1993) | | |
| QS | Hellberg et al., "Minimum analogue peptide sets (MAPS) for quantitative structure-activity relationships," <u>Int. J. Peptide Protein Res.</u> , 37:414-424 (1991) | | |
| QT | Hilser et al., "Protein and peptide mobility in capillary zone electrophoresis, A comparison of existing models and further analysis," <u>J. Chromatography</u> , 630:329-336 (1993) | | |
| QU | Ho et al., "Highly Stable Biosensor Using an Artificial Enzyme," <u>Anal. Chem.</u> , 59:536-537 (1987) | | |
| QV | Hochgeschwender et al., "Preferential expression of a defined T-cell receptor β -chain gene in hapten-specific cytotoxic T-cell clones," <u>Nature</u> , 322:376-378 (1986) | | |
| QW | Hodgson, J., "Assays A La Photolithography," <u>Biotech.</u> , 9:419 (1991) | | |
| QX | Hodgson et al., "Hybridization probe size control: optimized 'oligolabelling'," <u>Nuc. Acids Res.</u> , 15(15):6295 (1987). | | |
| QY | Hopman et al., "Bi-color detection of two target DNAs by non-radioactive in situ hybridization*," <u>Histochem.</u> , 85:1-4 (1986) | | |
| QZ | Iwamura et al., "1-Pyrenylmethyl Esters, Photolabile Protecting Groups for Carboxylic Acids," <u>Tetrahedron Ltrs.</u> , 28(6):679-682 (1987) | | |
| RA | Iwamura et al., "1-(α -Diazobenzyl)pyrene: A Reagent for Photolabile and Fluorescent Protection of Carboxyl Groups of Amino Acids and Peptides," <u>Synlett</u> , p. 35-36 (1991) | | |
| RB | Jacobson et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," <u>Anal. Chem.</u> , 66:1107-1113 (1994) | | |
| <u>V</u> RC | Jacobsen et al., "Open Channel Electrochromatography on a Microchip," <u>Anal. chem.</u> , 66:2369-2373 (1994) | | |

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| APPLICANT'S INFORMATION | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
| STATEMENT (Use several sheets if necessary) | | | |
| AM RD | Jacobson et al., "Microchip Capillary Electrophoresis with an Integrated Postcolumn Reactor" <u>Anal. Chem.</u> , 66:3472-3476 (1994) | | |
| RE | Jacobson et al., "Precolumn Reactions with Electrophoretic Analysis Integrated on a Microchip," <u>Anal. Chem.</u> , 66:4127-4132 (1994) | | |
| RF | Jacobson et al., "Microfabricated chemical measurement systems," <u>Nature Medicine</u> , 1(10):1093-1096 (1995) | | |
| RG | Jacobsen et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. chem.</u> , 67:2059-2063 (1995) | | |
| RH | Jacobson et al., "High-Speed Separations on a Microchip," <u>Anal. Chem.</u> , 66:1114-1118 (1994) | | |
| RI | Jacobson et al., "Microchip electrophoresis with sample stacking," <u>Electrophoresis</u> , 16:481-486 (1995) | | |
| RJ | Jayakumari, "Peptide synthesis in a triphasic medium catalysed by papain immobilized on a crosslinked polystyrene support," <u>Indian J. Chemistry</u> , 29B:514-517 (1990) | | |
| RK | Jovin et al., "Luminescence Digital Imaging Microscopy," <u>Ann. Rev. Biophys. Biophys. Chem.</u> , 18:271-308 (1989). | | |
| RL | Kafatos et al., "Determination of nucleic acid sequence homologies and relative concentrations by a dot hybridization procedure," <u>Nuc. Acids Res.</u> , 7(6):1541-1553 (1979). | | |
| RM | Kaiser et al., "Peptide and Protein Synthesis by Segment Synthesis-Condensation," <u>Science</u> , 243:187-192 (1989) | | |
| RN | Kaplan et al., "Photolabile chelators for the rapid photorelease of divalent cations," <u>PNAS</u> , 85:6571-6575 (1988) | | |
| RO | Karube, "Micro-biosensors based on silicon fabrication technology," chapter 25 from <u>Biosensors: Fundamentals and Applications</u> , Turner et al., eds., Oxford Publ., 1987, pgs. 471-480 (1987) | | |
| RP | Kates et al., "A Novel, Convenient, Three-dimensional Orthogonal Strategy for Solid-Phase Synthesis of Cyclic Peptides 1-3," <u>Tetrahed. Letters</u> , 34(10):1549-1552 (1993) | | |
| RQ | Kerkof et al., "A Procedure for Making Simultaneous Determinations of the Relative Levels of Gene Transcripts in Tissues or Cells," <u>Anal. Biochem.</u> , 188:349-355 (1990) | | |
| RR | Khrapko et al., "An Oligonucleotide hybridization approach to DNA sequencing," <u>FEBS Lett.</u> , 256(1,2):118-122 (1989) | | |
| RS | Khrapko et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix," <u>DNA Seq. Map.</u> , 1:375-388 (1991). | | |
| RT | Kidd et al., " α_1 -Antitrypsin deficiency detection by direct analysis of the mutation in the gene," <u>Nature</u> , 304:230-234 (1983). | | |
| RU | Kievits et al., "Rapid subchromosomal localization of cosmid by nonradioactive in situ hybridization," <u>Cytogenetics Cell Genetics</u> , 53(2-3):134-136 (1990) | | |
| RV | Kimura et al., "An Immobilized Enzyme Membrane Fabrication Method using an Ink Jet Nozzle," <u>Biosensors</u> , 4:41-52 (1988) | | |
| RW | Kimura et al., "An Integrated SOS/FET Multi-Biosensor," <u>Sensors & Actuators</u> , 9:373-387 (1986) | | |
| RX | Kitazawa et al., "In situ DNA-RNA hybridization using in vivo bromodeoxyuridine-labeled DNA probe," <u>Histochemistry</u> , 92:195-199 (1989) | | |
| RY | Kleinfeld et al., "Controlled Outgrowth of Dissociated Neurons on Patterned Substrates," <u>J. Neurosci.</u> , 8(11):4098-4120 (1988) | | |
| RZ | Knight, P., "Materials and Methods/Microsequencers for Proteins and Oligosaccharides," <u>Bio/Tech.</u> , 7:1075-76 (1989) | | |
| SA | Kohara et al., "The Physical Map of the Whole E. coli Chromosome: Application of a New Strategy for Rapid Analysis and Sorting of a Large Genomic Library," <u>Cell</u> , 50:495-508 (1987) | | |
| SB | Krile et al., "Multiplex holography with chirp-modulated binary phase-coded reference-beam masks," <u>Applied Opt.</u> , 18(1):52-56 (1979) | | |
| SC | Labat, I., "Subfragments as an informative characteristic of the DNA molecule - computer simulation," research report submitted to the University of Belgrade College of Natural Sciences and Mathematics, (1988) | | |



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| APPLICANT'S INFORMATION DISCLOSURE | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
| STATEMENT (Use several sheets if necessary) | | | |
| Am SD | Lander et al., "Genomic Mapping by Fingerprinting Random Clones: A Mathematical Analysis," <u>Genomics</u> , 2:231-239 (1988). | | |
| SE | Lainer et al., "Human Lymphocyte Subpopulations Identified by Using Three-Color Immunofluorescence and Flow Cytometry Analysis: Correlation of Leu-2, Leu-3, Leu-7, Leu-8, and Leu-11 Clee Surface Antigen Expression," <u>Journal of Immunology</u> , 132(1):151-156 (1984) | | |
| SF | Lam et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <u>Nature</u> , 354:82-84 (1991) | | |
| SG | Laskey et al., "Messenger RNA prevalence in sea urchin embryos measured with cloned cDNAs," <u>PNAS</u> , 77(9):5317-5321 (1980) | | |
| SH | Lee et al., "synthesis of a Polymer Surface Containing Covalently Attached Triethoxysilane Functionality: Adhesion to Glass," <u>Macromolecules</u> , 21:3353-3356 (1988) | | |
| SI | Lehrach et al., "Labelling oligonucleotides to high specific activity (I)," <u>Nuc. Acids Res.</u> , 17(12):4605-4610 (89) | | |
| SJ | Lehrach et al., "Phage Vectors - EMBL Series," <u>Meth. Enzymology</u> , 153:103-115 (1987) | | |
| SK | Lehrach et al., "Hybridization Fingerprinting in Genome Mapping and Sequencing," <u>Genome Analysis Volume 1: Genetic and Physical Mapping</u> , Cold Spring Harbor Laboratory Press, pages 39-81 (1990). | | |
| SL | Levy, M.F., "Preparing Additive Printed Circuits," <u>IBM Tech. Discl. Bull.</u> , 9(11):1473 (1967) | | |
| SM | Lewin, Benjamin, eds., <u>Genes</u> , third edition, John Wiley & Sons, cover page, preface and table of contents, (1987). | | |
| SN | Lichter et al., "High-Resolution Mapping of Human Chromosome 11 by in Situ hybridization with Cosmid Clones," <u>Science</u> , 247:64-69 (1990) | | |
| SO | Lichter et al., "Fluorescence <i>in situ</i> hybridization with <i>Alu</i> and L1 polymerase chain reaction probes for rapid characterization of human chromosomes in hybrid cell lines," <u>PNAS</u> , 87:6634-6638 (1990) | | |
| SP | Lichter et al., "Rapid detection of human chromosome 21 aberrations by <i>in situ</i> hybridization," <u>PNAS</u> , 85:9664-9668 (1988) | | |
| SQ | Lichter et al., "Is non-isotopic <i>in situ</i> hybridization finally coming of age," <u>Nature</u> , 345:93-94 (1990) | | |
| SR | Lieberman et al., "A Light source Smaller Than the Optical Wavelength," <u>Science</u> , 247:59-61 (1990) | | |
| SS | Lipshutz et al., "Using Oligonucleotide Probe Arrays To Access Genetic Diversity," <u>BioTech.</u> , 19(3):442-7 (1995) | | |
| ST | Little, P., "Clone maps made simple," <u>Nature</u> , 346:611-612 (1990). | | |
| SU | Liu et al., "Sequential Injection Analysis in Capillary Format with an Electroosmotic Pump," <u>Talanta</u> , 41(11):1903-1910 (1994) | | |
| SV | Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <u>Nat. Biotech.</u> , 14:1675-1680 (1996) | | |
| SW | Logue et al., "General Approaches to Mask Design for Binary Optics," <u>SPIE</u> , 1052:19-24 (1989) | | |
| SX | Loken et al., "three-color Immunofluorescence Analysis of Leu Antigens on Human Peripheral Blood Using Two Lasers on a Fluorescence-Activated Cell Sorter," <u>Cytoetry</u> , 5:151-158 (1984) | | |
| SY | Love et al., "Screening of λ Library for Differentially Expressed Genes Using <i>in Vitro</i> Transcripts," <u>Anal. Biochem.</u> , 150:429-441 (1985) | | |
| SZ | Lowe, C.R., "Biosensors," <u>Trends in Biotech.</u> , 2:59-65 (1984) | | |
| TA | Lowe, C.R., "An Introduction to the Concepts and Technology of Biosensors," <u>Biosensors</u> , 1:3-16 (1985) | | |
| TB | Lowe, C. R., <u>Biotechnology and Crop Improvement and Protection</u> , BCPC Publications, pp. 131-138 (1986) | | |
| TC | Lowe et al., "Solid-Phase Optoelectronic Biosensors," <u>Methods in Enzymology</u> , 137:338-347 (1988) | | |
| TD | Lowe, C.R., "Biosensors," <u>Phil. Tran. R. Soc. Lond.</u> , 324:487-496 (1989) | | |
| TE | Lu et al., "Differential screening of murine ascites cDNA libraries by means of in vitro transcripts of cell-cycle-phase-specific cDNA and digital image processing," <u>Gene</u> , 86:185-192 (1990) | | |
| TF | Luo, J. et al., "Improving the fidelity of <i>Thermus thermophilus</i> DNA ligase," <u>Nuc. Acids Res.</u> , 24(14):3071-3078 (1996). | | |

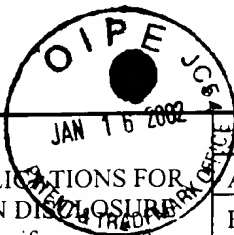
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| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | Applicant: Fodor et al. | Filing Date: November 28, 2000 |
| | | Group: <u>Unassigned 1631</u> | |
| <u>AM</u> TG | Lysov et al., "A new method for determining the DNA nucleotide sequence by hybridization with oligonucleotides," <u>Doklady Biochem.</u> , 303(1-6):436-438 (1989) | | |
| TH | Lysov et al., "DNA Sequencing by Oligonucleotide Hybridization," First International Conference on Electrophoresis, Supercomputing and the Human Genome, 4/10-13/90 p.157 | | |
| TI | MacDonald et al., "A Rapid ELISA for Measuring Insulin in a Large Number of Research Samples," <u>Metabolism</u> , 38(5):450-452 (1989) | | |
| TJ | Mairanovsky, V.G., "Electro-Deprotection- Electrochemical Removal of Protecting Groups**," <u>Agnew. Chem. Int. Ed. Engl.</u> , 15(5):281-292 (1976) | | |
| TK | Manz et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," <u>Sensors and Actuators</u> , B1:244-248 (1990) | | |
| TL | Manz et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems, A look into next century's technology or just a fashionable craze?," <u>Trends in Analytical Chem.</u> , 10(5):144-149 (1991) | | |
| TM | Manz et al., "Planar chips technology for minaturization and integration of separation techniques into monitoring systems, Capillary electrophoresis on a chip," <u>J. Chromatography</u> , 593:253-258 (1992) | | |
| TN | Manz et al., "Planar Chips Technology for Miniaturization of Separation Systems: A Developing Perspective in Chemical Monitoring," chapter 1, 1-64 (1993) | | |
| TO | Manz et al., "Electroosmotic pumping and electrophoretic separations for minaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> , 4:257-265 (1994) | | |
| TP | Masiakowski et al., "Cloning of cDNA sequences of hormone-regulated genes from the MCF-7 human breast cancer cell line," <u>Nuc. Acids Res.</u> , 10(24):7895-7903 (1982) | | |
| TQ | Matsumoto et al., "Preliminary Investigation of Micropumping Based on Electrical Control of Interfacial Tension," <u>IEEE</u> , pgs. 105-110 (1990) | | |
| TR | Matsuzawa et al., "Containment and growth of neuroblastoma cells on chemically patterned substrates," <u>J. Neurosci. Meth.</u> , 50:253-260 (1993) | | |
| TS | Matthes et al., "Simultaneous rapid chemical synthesis of over one hundred oligonucleotides on a microscale," <u>EMBO J.</u> , 3(4):801-805 (1984). | | |
| TT | McCray et al., "Properties and Uses of Photoreactive Caged Compounds," <u>Ann. Rev. Biophys. Biophys. Chem.</u> , 18:239-270 (1989) | | |
| TU | McGall et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," <u>J. American Chem. Soc.</u> , 119(22):5081-5090 (1997) | | |
| TV | McGillis, VLSI Technology, Sze, eds., Chapter 7, "Lithography," pp. 267-301 (1983) | | |
| TW | McMurray, J.S., "Solid Phase Synthesis of a Cyclic Peptide Using Fmoc Chemistry," <u>Tetrahedron Letters</u> , 32(52):7679-7682 (1991) | | |
| TX | Meinkoth et al., "Review: Hybridization of Nucleic Acids Immobilized on solid Supports," <u>Analytical Biochem.</u> , 138:267-284 (1984) | | |
| TY | Melcher et al., "Traveling-Wave Bulk Electroconvection Induced across a Temperature Gradient," <u>Physics of Fluids</u> , 10(6):1178-1185 (1967) | | |
| TZ | Merrifield, R.B., "Solid Phase peptide Synthesis. I. The Synthesis of a Tetrapeptide," <u>J. Am. Chem. Soc.</u> , 85:2149-2154 (1963) | | |
| UA | Michiels et al., "Molecular approaches to genome analysis: a strategy for the construction of ordered overlapping clone libraries," <u>CABIOS</u> , 3(3):203-10 (1987) | | |
| UB | Mirzabekov, A.D., "DNA sequencing by hybridization - a megasequencing method and a diagnostic tool?," <u>TIBTECH</u> , 12:27-32 (1994) | | |
| UC | Miyada et al., "Oligonucleotide Hybridization Techniques," <u>Meth. Enzymology</u> , 154:94-107 (1987). | | |
| UD | Monaco et al., "Human Genome Linking with Cosmids and Yeast Artificial Chromosomes", abstract from CSHS, pg. 50, (1989) | | |
| <u>✓</u> UE | Morita et al., "Direct pattern fabrication on silicone resin by vapor phase electron beam polymerization," <u>J. Vac. Sci. Technol.</u> , B1(4):1171-1173 (1983) | | |

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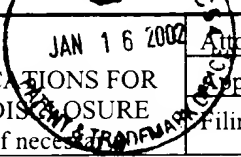
| | | |
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| AM | UF | Morrison et al., "Solution-Phase Detection of Polynucleotides Using Interacting Fluorescent Labels and Competitive Hybridization," <u>Anal. Biochem.</u> , 183:231-244 (1989) |
| | UG | Munegumi et al., "thermal Synthesis of Polypeptides from N-Boc-Amino Acid (Aspartic Acid, β -Aminoglutaric Acid) Anhydrides," <u>Chem. Letters</u> , pgs. 1643-1646 (1988) |
| | UH | Mutter et al., "Impact of Conformation on the Synthetic Strategies for Peptide Sequences," pgs. 217-228 from <u>Chemistry of Peptides and Proteins, Vol. 1, Proceedings of the Third USSR-FRG Symp., in USSR</u> (1982) |
| | UI | Nakamori et al., "A Simple and Useful Method for Simultaneous Screening of Elevated Levels of Expression of a Variety of Oncogenes in Malignant Cells," <u>Jpn. J. Cancer Res.</u> , 79:1311-1317 (1988) |
| | UJ | Nederlof et al., "Multiple Fluorescence In Situ Hybridization," <u>Cytometry</u> , 11:126-131 (1990) |
| | UK | Nederlof et al., "Three-Color Fluorescence In Situ Hybridization for the Simultaneous Detection of Multiple Nucleic Acid Sequences," <u>Cytometry</u> , 10:20-27 (1989). |
| | UL | Nizetic et al., "An improved bacterial colony lysis procedure enables direct DNA hybridisation using short (10, 11 bases) oligonucleotides to cosmids," <u>Nuc. Acids Res.</u> , 19(1):182 (1990). |
| | UM | Nizetic et al., "Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries," <u>PNAS</u> , 88:3233-3237 (1991). |
| | UN | Nyborg, W., "Acoustic Streaming," chapter 11 pgs. 265-329 from <u>Physical Acoustics, Principles and Methods</u> , Mason, eds., vol. II, part B, Academic Press, New York and London (1965) |
| | UO | Ocvirk et al., "High Performance Liquid Chromatography Partially Integrated onto a Silicon Chip," <u>Analyt. Meth. Instrumentation</u> , 2(2):74-82 (1995) |
| | UP | Ohtsuka et al., "Studies on transfer ribonucleic acids and related compounds. IX Ribonucleic oligonucleotide synthesis using a photosensitive 0-nitrobenzyl protection at the 2' -hydroxyl group," <u>Nuc.Acids.Res.</u> , 1(10):1351-1357 (1974) |
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| | UR | Olson et al., "Random-clone strategy for genomic restriction mapping in yeast," <u>PNAS</u> , 83:7826-7830 (1986). |
| | US | Patchornik et al., "Photosensitive Protecting Groups," <u>J.Am.Chem.Soc.</u> , 92(21):6333-6335 (1970) |
| | UT | Patent Abstracts of Japan from EPO, Abst. 13:557, JP 1-233 447 (1989) |
| | UU | Pease et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <u>PNAS</u> , 91:5022-26 (1994) |
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| | UX | Pevzner et al., "Generalized Sequence Alignment and Duality," <u>Adv. Applied Math.</u> , 14:139-171 (1993). |
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| | UZ | Pfahler et al., "Liquid Transport in Micron and Submicron Channels," <u>Sensors and Actuators</u> , A21-A23:431-4 (90) |
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| | VC | Pillai, V.N., "Photoremovable Protecting Groups in Organic Synthesis," <u>Synthesis</u> , pgs. 1-26 (1980) |
| | VD | Pillai et al., "3-Nitro-4-Aminomethylbenzoylderivate von Polyethylenglykolen: Eine neue Klasse von Photosensitiven loslichen Polymeren Tragern zur Synthese von C-terminalen Peptidamiden," <u>Tetrah. Ltr.</u> , # 36 p. 3409-3412 (1979) |
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| | VF | Pirrung et al., "Proofing of Photolithographic DNA Synthesis with 3'.5'-Dimethoxybenzoinyloxycarbonyl-Protected Deoxynucleoside Phosphoramidites," <u>J. Org. Chem.</u> , 63(2):241-246 (1998) |

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| LIST OF PATENTS AND PUBLICATIONS FOR DISCLOSURE | | Applicant: Fodor et al. | |
| APPLICANT'S INFORMATION AND STATEMENT (Use several sheets if necessary) | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
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| VH | Ploax et al., "Cyclization of peptides on a solid support," <u>Int. J. Peptide Protein Research</u> , 29:162-169 (1987) | | |
| VI | Polsky-Cynkin et al., "Use of DNA Immobilized on Plastic and Agarose Supports to Detect DNA by Sandwich Hybridization," <u>Clin. Chem.</u> , 31(9):1428-1443 (1985) | | |
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| VK | Purushothaman et al., "Synthesis of 4,5-diarylimidazoline-2-thiones and their photoconversion to bis(4,5-diarylimidazol-2-yl) sulphides," <u>Ind. J. Chem.</u> , 29B:18-21 (1990) | | |
| VL | Quesada et al., "High-Sensitivity DNA Detection with a Laser-Exited Confocal Fluorescence Gel Scanner," <u>Biotechniques</u> , 10:616 (1991) | | |
| VM | Reichmanis et al., <u>J. Polymer Sci. Polymer Chem. Edition</u> , 23:1-8 (1985) | | |
| VN | Renz et al., "A colorimetric method for DNA hybridization," <u>Nuc. Acids Res.</u> , 12(8):3435-3445 (1984). | | |
| VO | Richter et al., "An Electrohydrodynamic Micropump," <u>IEEE</u> , pgs. 99-104 (1990) | | |
| VP | Richter et al., "Electrohydrodynamic Pumping and Flow Measurement," <u>IEEE</u> , pgs. 271-276 (1991) | | |
| VQ | Richter et al., "A Micromachined electrohydrodynamic (EHD) pump," <u>Sensors and Actuators</u> , A29:159-168 (91) | | |
| VR | Robertson et al., "A General and Efficient Route for Chemical Aminoacylation of Transfer RNAs," <u>J. Am. Chem. Soc.</u> , 113:2722-2729 (1991). | | |
| VS | Rodda et al., "The Antibody Response to Myoglobin-I. Systematic Synthesis of Myoglobin Peptides Reveals Location and Substructure of Species-Dependent Continuous Antigenic Determinants," <u>Mol. Immunol.</u> , 23(6):603-610 (1986) | | |
| VT | Rodgers, R.P., "Data Processing of Immunoassay Results," Manual of Clin. Lab. Immunol., 3rd ed., ch. 15, pgs. 82-87 (1986) | | |
| VU | Rose, D.J., "Free-solution reactor for post-column fluorescence detection in capillary zone electrophoresis," <u>J. Chromatography</u> , 540:343-353 (1991) | | |
| VV | Rovero et al., "Synthesis of Cyclic Peptides on solid Support," <u>Tetrahed. Letters</u> , 32(23):2639-2642 (1991) | | |
| VW | Sambrook, Molecular Cloning - A Laboratory Manual, publ. in 1989 Gen. Tech. Rep. | | |
| VX | Saiki et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes," <u>PNAS</u> , 86:6230-6234 (1989) | | |
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| VZ | Schafer et al., "DNA fingerprinting using non-radioactive oligonucleotide probes specific for simple repeats," <u>Nuc. Acids Res.</u> , 16(19):9344 (1988). | | |
| WA | Scharf et al., "HLA class II allelic variation and susceptibility to pemphigus vulgaris," <u>PNAS</u> , 85(10):3504-3508 (1988) | | |
| WB | Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <u>PNAS</u> , 93:10614-10619 (1996). | | |
| WC | Schuup et al., "Mechanistic Studies of the Photorearrangement of o-Nitrobenzyl Esters," <u>J. Photochem.</u> , 36:85-97 (1987) | | |
| WD | Seed, B., "Diazotizable arylamine cellulose papers for the coupling and hybridization of nucleic acids," <u>Nuc. Acids Res.</u> , 10(5):1799-1810 (1982). | | |
| WE | Seiler et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> , 65:1481-1488 (1993) | | |
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| FORM PTO-1449 (Modified) | | Attorney Docket No.: 18547-036750US | | Application No.: 09/724,928 | |
| LIST OF PATENTS AND PUBLICATIONS FOR | | Applicant: Fodor et al. | | | |
| APPLICANT'S INFORMATION | | Filing Date: November 28, 2000 | | Group: Unassigned 1631 | |
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| | WH | Sheldon et al., "Matrix DNA Hybridization," <u>Clinical Chemistry</u> , 39(4):718-719 (1993) | | | |
| | WI | Shin et al., "Dehydrooligonopeptides. XI. Facile Synthesis of Various Kinds of Dehydrodi- and tripeptides, and Dehydroenkephalins Containing Tyr Residue by Using N-Carboxydehydrotyrosine Anhydride," <u>Bull. Chem. Soc. Jpn.</u> , 62:1127-1135 (1989) | | | |
| | WJ | Sim et al., "Use of a cDNA Library for Studies on Evolution and Developmental Expression of the Chorion Multigene Families," <u>Cell</u> , 18:1303-1316 (1979) | | | |
| | WK | Smith et al., "A Novel Method for Delineating Antigenic Determinants: Peptide Synthesis and Radioimmunoassay Using the Same Solid Support," <u>Immunochemistry</u> , 14:565-568 (1977) | | | |
| | WL | Sofia, M.J., "Carbohydrate-based combinatorial libraries," <u>Molecular Diversity</u> , 3:75-94 (1998). | | | |
| | WM | Southern et al., "Report on the Sequencing by Hybridization Workshop," <u>Genomics</u> , 13:1378-1383 (1992) | | | |
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| | WO | Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models," <u>Genomics</u> , 13:1008-10017 (1992). | | | |
| | WP | Southern, E.M., "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," <u>J. Mol. Biol.</u> , 98:503-517 (1975). | | | |
| | YT | Southern et al., "Parallel synthesis and analysis of large numbers of related chemical compounds: applications to oligonucleotides," <u>J. Biotechnology</u>, 35:217-227 (1994). | | | |
| | WQ | Stemme et al., "A valveless diffuser/nozzle-based fluid pump," <u>Sensors and Actuators</u> , A39:159-167 (1993) | | | |
| | WR | Stryer, L., "DNA Probes and Genes Can be Synthesized by Automated Solid-Phase Methods," from <u>Biochemistry</u> , Third Edition, published by W.H. Freeman & Co., (1988) | | | |
| | WS | Stuber et al., "Synthesis and photolytic cleavage of bovine insulin B22-30 on a nitrobenzoylglycyl-poly (ethylene glycol) support," <u>Int. J. Peptide Protein Res.</u> , 22(3):277-283 (1984) | | | |
| | WT | Sundberg et al., "Spatially-Addressable Immobilization of Macromolecules on Solid Supports," <u>J. Am. Chem. Soc.</u> , 117(49):12050-12057 (1995) | | | |
| | WU | Swedberg, S.A., "Use of non-ionic and zwitterionic surfactants to enhance selectivity in high-performance capillary electrophoresis, An apparent micellar electrokinetic capillary chromatography mechanism," <u>J. Chromatography</u> , 503:449-452 (1990) | | | |
| | WV | Thomas, P.S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose," <u>PNAS</u> , 77(9):5201-5205 (1980). | | | |
| | WW | Titus et al., "Texas Red, a Hydrophilic, red-emitting fluorophore for use with fluorescein in dual parameter flow microfluorometric and fluorescence microscopic studies," <u>J. Immunol. Meth.</u> , 50:193-204 (1982) | | | |
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| | WY | Trzeciak et al., "Synthesis of 'Head-to-Tail' Cyclized Peptides on Solid Support by Fmoc Chemistry," <u>Tetrahed. Letters</u> , 33(32):4557-4560 (1992) | | | |
| | WZ | Tsien et al., "Control of Cytoplasmic Calcium with Photolabile Tetracarboxylate 2-Nitrobenzhydryl Chelators," <u>Biophys. J.</u> , 50:843-853 (1986) | | | |
| | XA | Tsutsumi et al., "Expression of L- and M- Type Pyruvate Kinase in Human Tissues," <u>Genomics</u> , 2:86-89 (1988) | | | |
| | XB | Turchinskii et al., "Multiple Hybridization in Genome Analysis, Reaction of Diamines and Bisulfate with Cytosine for Introduction of Nonradioactive labels Into DNA," <u>Molecular Biology</u> , 22:1229-1235 (1988) | | | |
| | XC | Turner et al., "Photochemical Activation of Acylated α -Thrombin," <u>J. Am. Chem. Soc.</u> , 109:1274-1275 (1987) | | | |
| ✓ | XD | Urdea et al., "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis of hepatitis B virus in human serum," <u>Gene</u> , 61:253-264 (1987) | | | |



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| | | Filing Date: November 28, 2000 | Group: Unassigned 1631 |
| <u>AM</u> XE | Urdea et al., "A comparison of non-radioisotopic hybridization assay methods using fluorescent, chemiluminescent and enzyme labeled synthetic oligodeoxyribonucleotide probes," <u>Nuc. Acids Res.</u> , 16(11):4937-4956 (1988) | | |
| XF | Van der Voort et al., "Design and Use of a Computer Controlled Confocal Microscope for Biological Applications," <u>Scanning</u> , 7(2):66-78 (1985) | | |
| NG | Van Hijfte et al., "Intramolecular 1,3-Diyl Trapping Reactions. A Formal Total Synthesis of -Coriolin," <u>J. Organic Chemistry</u> , 50:3942-3944 (1985) | | |
| XH | Veldkamp, W.B., "Binary optics: the optics technology of the 1990s," <u>CLEO 90</u> , Vol. 7, paper # CMG6 (1990) | | |
| XI | Verlaan-de Vries et al., "A dot-blot screening procedure for mutated <i>ras</i> oncogenes using synthetic oligodeoxynucleotides," <u>Gene</u> , 50:313-320 (1986) | | |
| XJ | Verpoorte et al., "Three-dimensional micro flow manifolds for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> , 4:246-256 (1994) | | |
| XK | Volkmut et al., "DNA electrophoresis in microlithographic arrays," <u>Nature</u> , 358:600-602 (1992) | | |
| XL | Voss et al., "The immobilization of oligonucleotides and their hybridization properties," <u>Biochem. Soc. Transact.</u> , 16:216-217 (1988) | | |
| XM | Wada, A., <i>International Workshop on Automatic and High Speed DNA Base Sequencing</i> , Hayashibara Forum 1987 at Hayashibara Biochemical Laboratories, Okayama, Japan, July 7-9, 1987. | | |
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| XP | Wallace et al., "Hybridization of synthetic oligodeoxyribonucleotides to $\Phi\chi$ 174 DNA: the effect of single base pair mismatch," <u>Nuc. Acids Res.</u> , 11(6):3543-3557 (1979) | | |
| XQ | Washizu et al., "Handling Biological Cells Using a Fluid Integrated Circuit," <u>IEEE Transactions Industry Applications</u> , 26(2):352-358 (1990) | | |
| XR | Wiedmann, M. et al., "Ligase Chain Reaction (LCR) - Overview and Applications," <u>PCR Meth. Appl.</u> , 3(4):S51-S64 (1994). | | |
| XS | Werner et al., "Size-Dependent Separation of Proteins Denatured in SDS by Capillary Electrophoresis Using a Replaceable Sieving Matrix," <u>Anal. Biochem.</u> , 212:253-258 (1993) | | |
| XT | White et al., "An Evaluation of Confocal Versus Conventional Imaging of Biological Structures by Fluorescence Light Microscopy," <u>J. Cell Biol.</u> , 105(1):41-48 (1987) | | |
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| XV | Wilcox et al., "Synthesis of Photolabile 'Precursors' of Amino Acid Neurotransmitters," <u>J. Org. Chem.</u> , 55:1585-1589 (1990) | | |
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| XX | Wilding et al., "Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon," <u>Clin. Chem.</u> , 40(1):43-47 (1994) | | |
| XY | Wittman-Liebold, eds., <i>Methods in Protein Sequence Analysis</i> , from Proceedings of 7th Int'l Conf., Berlin, Germany, 7/3-8/88, table of contents, pp. xi-xx* (1989) | | |
| XZ | Wood et al., "Base composition-independent hybridization in tetramethylammonium chloride: A method for oligonucleotide screening of highly complex gene libraries," <u>PNAS</u> , 82:1585-1588 (1985). | | |
| YA | Woolley et al., "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips," <u>PNAS</u> , 91:11348-11352 (1994) | | |
| <u>V</u> YB | Wu et al., "Synthesis and Properties of Adenosine-5'-triphospho- γ -5-(5-sulfonic acid)naphthyl Ethylamidate: A Fluorescent Nucleotide Substrate for DNA-Dependent RNA Polymerase from <i>Escherichia coli</i> ," <u>Arch. Biochem. Biophys.</u> , 246(2):564-571 (1986) | | |

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| <u>Am</u> YC | Wu et al., "Laboratory Methods, Direct Analysis of Single Nucleotide Variation in Human DNA and RNA Using <i>In Situ</i> Dot Hybridization," <u>DNA</u> , 8(2):135-142 (1989) | | | | |
| YD | Yamamoto et al., "Features and applications of the laser scanning microscope," <u>J. Mod. Optics</u> , 37(11):1691-1701 (1990) | | | | |
| YE | Yarbrough et al., "Synthesis and Properties of Fluorescent Nucleotide Substrates for DNA-dependent RNA Polymerases," <u>J. Biol. Chem.</u> , 254(23):12069-12073 (1979) | | | | |
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| YK | Zischler et al., "Non-radioactive oligonucleotide fingerprinting in the gel," <u>Nuc. Acids Res.</u> , 17(11):4411 (1989). | | | | |
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| EXAMINER <u>Arden Mansley</u> DATE CONSIDERED <u>1/9/03</u> | | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.